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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 72 For Week Ended March 8, 1991 NO. 10

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 03/08/91	Last Week Ending: 03/01/91	Last Year Week Ending: 03/09/90	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,204	13,354	13,076	-150	128
Operable capacity	15,654	15,654	15,614	0	40
Percent operated	84.3	85.3	83.7		
Motor Gasoline					
Total motor gasoline production	6,623	6,635	6,688	-12	-65
Finished leaded motor gasoline production	209	253	396	-44	-187
Finished unleaded motor gasoline production	6,414	6,382	6,292	32	122
Total motor gasoline stocks	220,134	222,576	243,734	-2,442	-23,600
Finished leaded motor gasoline stocks	8,896	9,200	14,825	-304	-5,929
Finished unleaded motor gasoline stocks	170,946	172,632	185,509	-1,686	-14,563
Jet Fuel Kerosine					
Jet fuel kerosine production	1,186	1,335	1,174	-149	12
Jet fuel kerosine stocks	41,188	42,591	40,323	-1,403	865
Distillate Fuel Oil					
Distillate fuel oil production	3,006	2,810	2,659	196	347
Distillate fuel oil stocks	101,547	103,258	110,121	-1,711	-8,574
Residual Fuel Oil					
Residual fuel oil production	959	1,087	1,013	-128	-54
Residual fuel oil stocks	44,935	46,014	48,121	-1,079	-3,186
Imports					
Crude oil imports	5,141	5,479	6,024	-338	-883
Product imports	1,792	1,148	1,647	644	145
Crude Oil Stocks					
Crude oil stocks	330,168	336,143	350,795	-5,975	-20,627
Crude Supply Balance	-180				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Processing Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,240	1,112	1,113	1,384	80.4
Appal. No. 1	88	81	81	124	65.3
DISTRICT 1 TOTAL	1,328	1,193	1,194	1,508	79.2
Ind., Ill., Ky.	2,111	1,927	1,937	2,250	86.1
Minn., Wisc., Daks.	338	337	338	343	98.5
Okla., Kans., Mo.	694	655	655	737	88.9
DISTRICT 2 TOTAL	3,143	2,919	2,930	3,330	88.0
Inland Texas	554	479	479	584	82.0
Texas Gulf Coast	3,245	2,802	2,802	3,339	83.9
La. Gulf Coast	2,564	2,462	2,469	2,911	84.8
N. La. and Ark.	181	178	179	257	69.6
New Mexico	81	75	76	78	97.4
DISTRICT 3 TOTAL	6,625	5,996	6,005	7,169	83.8
DISTRICT 4 TOTAL	484	466	468	556	84.2
DISTRICT 5 TOTAL	2,686	2,522	2,607	3,091	84.3
TOTAL U.S.	14,266	13,096	13,204	15,654	84.3
TOTAL U.S. Weeks Ended:					
MAR. 1, 1991	14,400	13,193	13,354	15,654	85.3
MAR. 9, 1990	14,028	12,916	13,076	15,614	83.7
DISTRICTS 1-4 Weeks Ended:					
MAR. 08, 1991	11,580	10,574	10,597	12,563	84.4
MAR. 1, 1991	11,674	10,601	10,686	12,563	85.1
MAR. 9, 1990	11,246	10,290	10,359	12,566	82.4

API WEEKLY STATISTICAL B15LLETIN

Week Ended March 8, 1991

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	616	--	616	1	46	340	130
Appal. No. 1	49	2	47	--	--	21	3
DISTRICT 1 TOTAL	665	2	663	1	46	361	133
Ind., Ill., Ky.	1,240	9	1,231	4	118	406	70
Minn., Wisc., Daks.	153	--	153	--	30	75	8
Okla., Kans., Mo.	346	6	340	5	51	169	5
DISTRICT 2 TOTAL	1,739	15	1,724	9	199	650	83
Inland Texas	287	9	278	17	25	102	14
Texas Gulf Coast	1,419	--	1,419	40	241	706	236
La. Gulf Coast	1,047	5	1,042	16	269	557	166
N. La. and Ark.	60	--	60	2	4	57	10
New Mexico	43	6	37	10	1	17	2
DISTRICT 3 TOTAL	2,856	20	2,836	85	540	1,439	428
DISTRICT 4 TOTAL	226	23	203	10	20	126	9
DISTRICT 5 TOTAL	1,137	149	988	38	381	430	306
TOTAL U.S.	6,623	209	6,414	143	1,186	3,006	959
TOTAL U.S. Weeks Ended:							
MAR. 1, 1991	6,635	253	6,382	128	1,335	2,810	1,087
MAR. 9, 1990	6,688	396	6,292	228	1,174	2,659	1,013
DISTRICTS 1-4 Weeks Ended:							
MAR. 08, 1991	5,486	60	5,426	105	805	2,576	653
MAR. 1, 1991	5,465	112	5,353	99	963	2,407	683
MAR. 9, 1990	5,473	237	5,236	166	805	2,241	559

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN

Week Ended March 8, 1991

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,480	7	3,473	--	118	484	2,970	316	--
Central Atlantic	27,332	--	22,391	4,941	154	4,256	17,322	15,163	9,552
Lower Atlantic	26,740	39	26,512	189	460	5,335	11,555	2,074	400
DISTRICT 1 TOTAL	57,552	46	52,376	5,130	732	10,075	31,847	17,553	9,952
DISTRICT 2 TOTAL	57,823	1,789	48,714	7,320	762	8,967	29,123	3,951	13,957
DISTRICT 3 TOTAL	64,411	677	46,960	16,774	2,358	14,078	26,422	15,364	52,112
DISTRICT 4 TOTAL	8,196	1,223	3,965	3,008	268	821	3,235	462	1,858
DISTRICT 5 TOTAL	32,152	5,161	18,931	8,060	1,827	7,247	10,920	7,605	25,974
TOTAL U.S.	220,134	8,896	170,946	40,292	5,947	41,188	101,547	44,935	103,853
TOTAL U.S. Weeks Ended:									
MAR. 1, 1991	222,576	9,200	172,632	40,744	5,868	42,591	103,258	46,014	102,911
MAR. 9, 1990	243,734	14,825	185,509	43,400	7,153	40,323	110,121	48,121	108,015
DISTRICTS 1-4 Weeks Ended:									
MAR. 08, 1991	187,982	3,735	152,015	32,232	4,120	33,941	90,627	37,330	77,879
MAR. 1, 1991	190,040	3,918	153,350	32,772	4,117	35,017	92,117	38,062	77,607
MAR. 9, 1990	210,864	9,058	167,388	34,418	5,144	33,393	98,190	40,909	82,674

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline.

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN
Week Ended March 8, 1991

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy October 1990	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
MAR. 08, 1991	4,620.0	4,636.0	5,037	743	255,915
MAR. 1, 1991	4,587.0*	--	5,226	806	260,306
FEB. 22, 1991	4,587.0*	--	5,029	673	256,099
FEB. 15, 1991	4,587.0*	--	6,073	858	257,304
DISTRICT 5 TOTAL					
MAR. 08, 1991	2,866.0	2,863.0	104	9	74,253 #
MAR. 1, 1991	2,914.0*	--	253	18	75,837*
FEB. 22, 1991	2,914.0*	--	160	6	75,652
FEB. 15, 1991	2,914.0*	--	102	19	77,678
TOTAL U.S.					
MAR. 08, 1991	7,486.0	7,499.0	5,141	752	330,168 #
MAR. 1, 1991	7,501.0*	--	5,479	824	336,143*
FEB. 22, 1991	7,501.0*	--	5,189	679	331,751
FEB. 15, 1991	7,501.0*	--	6,175	877	334,982
MAR. 9, 1990	7,347.0 a/	--	6,024	584	350,795

#INCLUDES 18,074 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER. *

a/ DOE actual for March 1990.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1990 Averages Absolute	Positive	Negative
MAR. 08, 1991	-180	476	555	-180

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
MAR. 08, 1991	13,593	70,615	159,032	12,675	255,915	74,253 #	330,168 #
MAR. 1, 1991	16,783	71,913	158,619	12,991	260,306	75,837*	336,143*
MAR. 9, 1990	14,879	72,787	169,730	13,665	271,061	79,734	350,795

[1]See definitional notes, Page 6.

See revisions on page 8

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	43	--	43	--	--	--	148	157	--	--	--	348
Central Atlantic	170	--	170	67	--	--	75	144	6	77	100	639
Lower Atlantic	14	--	14	--	--	56	--	--	--	--	10	80
DISTRICT 1 TOTAL												
MAR. 08, 1991	227	--	227	67	--	56	223	301	6	77	110	1,067
MAR. 1, 1991	32	--	32	66	--	32	80	262	4	107	58	641
FEB. 22, 1991	65	--	65	40	--	58	136	335	5	93	33	765
FEB. 15, 1991	60	--	60	114	24	29	45	334	5	168	107	886
DISTRICTS 2-4 TOTAL												
MAR. 08, 1991	28	--	28	2	2	14	13	29	98	304	193	683
MAR. 1, 1991	10	--	10	2	2	--	9	65	105	180	103	476
FEB. 22, 1991	3	--	3	2	2	--	9	73	72	223	101	485
FEB. 15, 1991	1	--	1	3	2	--	3	83	80	174	145	491
DISTRICT 5 TOTAL												
MAR. 08, 1991	4	--	4	--	--	7	5	15	5	3	3	42
MAR. 1, 1991	1	--	1	--	--	3	6	10	6	3	2	31
FEB. 22, 1991	4	--	4	--	--	3	6	10	4	3	2	32
FEB. 15, 1991	1	--	1	--	--	3	2	10	4	2	3	25
TOTAL U.S.	259	--	259	69	2	77	241	345	109	384	306	1,792
TOTAL U.S. Weeks Ended:												
MAR. 1, 1991	43	--	43	68	2	35	95	337	115	290	163	1,148
FEB. 22, 1991	72	--	72	42	2	61	151	418	81	319	136	1,282
FEB. 15, 1991	62	--	62	117	26	32	50	427	89	344	255	1,402
MAR. 9, 1990	361	--	361	44	2	86	349	267	149	354	35	1,647

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Gasoline blending components are not included in total motor gasoline imports.

[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42-gallon barrels)

	API Estimated Production		Dept. of Energy
	FEBRUARY 1991	JANUARY 1991 r/	OCTOBER 1990
Florida	14.0	15.0	13.0
New York-Pennsylvania	8.0	8.0	8.0
Virginia	0.0	0.0	0.0
West Virginia	5.0	5.0	6.0
Illinois	55.0	56.0	55.0
Indiana	7.0	8.0	9.0
Kansas	151.0	154.0	160.0
Kentucky	14.0	15.0	17.0
Michigan	50.0	51.0	55.0
Missouri-Tennessee	1.0	1.0	1.0
Nebraska	16.0	16.0	16.0
Ohio	24.0	25.0	27.0
Oklahoma	313.0	315.0	314.0
North Dakota	100.0	101.0	101.0
South Dakota	5.0	5.0	5.0
Alabama	51.0	52.0	52.0
Arkansas	24.0	25.0	26.0
Mississippi	74.0	75.0	74.0
New Mexico-So. East	169.0	168.0	173.0
New Mexico-Other	14.0	14.0	15.0
North Louisiana	58.0	58.0	59.0
South Louisiana	1,007.0	1,005.0	997.0
Total Louisiana	1,065.0	1,063.0	1,056.0
Texas			
District 1	136.0	142.0	109.0
District 2	43.0	41.0	47.0
District 3	182.0	178.0	191.0
District 4	61.0	58.0	63.0
District 5	32.0	30.0	32.0
District 6, East Texas	108.0	104.0	113.0
Other	76.0	74.0	79.0
District 7-B	85.0	81.0	81.0
District 7-C	81.0	77.0	80.0
District 8 and 8-A	1,017.0	990.0	1,046.0
District 9	77.0	74.0	77.0
District 10	38.0	38.0	42.0
Total Texas	1,936.0	1,887.0	1,960.0
Colorado	81.0	82.0	82.0
Montana	53.0	53.0	54.0
Utah	73.0	74.0	74.0
Wyoming	284.0	285.0	283.0
Total Districts 1-4	4,587.0	4,553.0	4,636.0
Alaska	1,931.0	1,899.0	1,885.0
Arizona	0.0	0.0	0.0
California	971.0	971.0	966.0
Nevada	12.0	12.0	12.0
Total District 5	2,914.0	2,882.0	2,863.0
TOTAL U.S.	7,501.0	7,435.0 r/	7,499.0

r/ Revised: Data currently displayed are based on reported volumes from 38 producing companies. These volumes are estimated to represent 55.0% of lower 48 states production. When combined with reported Alaskan data, the sample represents 66.5% of total U.S. production in January.

API WEEKLY STATISTICAL BULLETIN
WEEK ENDED: MAR. 08, 1991

REVISIONS

03/01/91	PAGE 4	T	CRUDE OIL STOCKS	DISTRICT 5 TOTAL	75,837
				TOTAL U.S.	336,143
			ALASKAN CRUDE OIL	DISTRICT 5 TOTAL	23,385
	PAGE 4	B	TOTAL	PAD DISTRICT 5	75,837
				TOTAL U.S.	336,143